JIA GUO

Department of Management, College of Business and Economics
California State University East Bay

EDUCATION

Ph.D., Operations Management   June 2019
The University of Alabama, Tuscaloosa, AL
Dissertation Topic: *Distribution System Design for Omnichannel Retailing*
Advisor: Dr. Burcu B. Keskin

M.E., Management Science and Engineering   June 2014
Dalian University of Technology, Dalian, China

B.S., Mathematics and Applied Mathematics   July 2011
Henan University, Kaifeng, China

RESEARCH AND TEACHING INTERESTS

Applications
- Supply Chain Network Design
- Inventory Management
- Production Planning
- Operations/Marketing Interface

Methodologies
- Optimization
- Stochastic Programming
- Mixed-integer Linear Programming
- Choice Modeling

PUBLICATIONS

Manuscripts Under Review
Guo, J. and B. B. Keskin, "Designing a Centralized Distribution System for Omni-channel Retailing," under Reject and Resubmit at *Management Science,* January 2019.

Complete Manuscripts
Guo, J. and M. Zhang, "On Lot Sizing with Capacity Acquisition," rejected but in preparation for resubmission to *Operations Research Letters.*

Work In Progress
Guo, J. and B. B. Keskin, "Understand Demand Using Choice Modeling In an Omni-channel Environment," to be submitted to *Production and Operations Management.*

Guo, J. and B. B. Keskin, "Omni-channel Retailing for Multi-store Retailers," to be submitted to *European Journal of Operational Research.*

CONFERENCE TALKS

Guo, J. and B. B. Keskin, "Understand Demand Using Choice Modeling In an Omni-channel Environment".

  INFORMS Annual Conference, November 2018, Phoenix, AZ.

Guo, J. and B. B. Keskin, "Designing a Centralized Distribution System for Omni-channel Retailing".

  EURO Annual Conference, July 2018, Valencia, Spain.
  EURO Working Group Meeting on Retail Operations, May 2018, Eindhoven, Netherlands.
  POMS Annual Conference, May 2018, Houston, TX.
  INFORMS Annual Conference, October 2017, Houston, TX

Guo, J., M. Zhang, and B. B. Keskin, "A Polyhedral Study On Lot-sizing Problem With Capacity Acquisition".

POMS Annual Conference, May 2017, Seattle, WA.
INFORMS Annual Conference, November 2016, Nashville, TN.

TEACHING EXPERIENCE

Instructor
OM 300: Introduction to Operations Management
  Summer 2018 - Section 100 - 23 Students - Rating 5.00/5 (6 responses).
  Summer 2016 - Section 100 - 24 Students - Rating 4.00/5 (1 response).
  Summer 2015 - Section 050 - 18 Students - Rating 3.71/5 (14 responses).

Guest Lecturer
OM 620: Production Management Models
  Spring 2017 - Section 001 - 4 Students.

OM 517: Supply Chain Modeling and Analysis
  Spring 2018 - Section 001 - 19 Students.

Teaching Assistant
OM 522: Production Scheduling Problem
  Fall 2018, Fall 2015.

OM 517: Supply Chain Modeling and Analysis
  Spring 2018, Fall 2017.

OM 523: Inventory Management
  Fall 2017, Fall 2016.

OM 423: Inventory Management
  Spring 2015.

OM 300: Introduction to Operations Management
  Fall 2014, Spring 2014.

COURSEWORK

Theory	Methods	Applications
Linear Programming (PhD)	Stochastic Decision Models (PhD)	Production Scheduling Problem (PhD)
Integer Programming (PhD)	Meta-heuristic (PhD)	Inventory Management(MS)
Nonlinear Programming (PhD)	Computer Simulation (MS)	Supply Chain Modeling (MS)
Game Theory (PhD)	Design of Experiments (MS)	Production Management Models (MS)
Stochastic Processes (MS)	Statistical Methods (MS)	
Mathematical Statistics (MS)		

SOFTWARE SKILLS

Optimization:	CPLEX and AMPL
Programming Languages:	C++ and Python
Statistical Packages:	R and Stata
Mathematical Packages:	Matlab
Simulation:	Arena
Design of Experiments:	JMP

SERVICES

Student Association Service

    Treasurer: INFORMS Student Chapter at University of Alabama. July 2018 - present.

Referee/Ad-hoc Referee for Journals

    OMEGA: International Journal of Management Science.

    International Journal of Production Economics.

PROFESSIONAL MEMBERSHIPS

Student Member, Production and Operations Management Society (POMS).

Student Member, Decision Sciences Institute (DSI).

Student Member, Institute for Operations Research and the Management Science (INFORMS).

Student Members, INFORMS Optimization Society.